

AMENDMENTS TO THE CLAIMS

1. (Original) A method for decreasing the time spent searching for color register marks printed on a paper substrate on a printing press, said method comprising:
 acquiring an image of the paper substrate; and
 processing the image to determine whether the color register marks are found therein,
said processing including using an FPGA.
2. (Original) The method of claim 1 wherein said image is acquired by a CCD scanner.
3. (Original) The method of claim 1 wherein said paper substrate is a web.
4. (Original) The method of claim 1 wherein the register marks are of a size equal to or smaller than 0.010 inch.
5. (Original) The method of claim 1 wherein the register marks are diamond shaped.
6. (Original) A method for finding color register marks printed on a paper substrate of a printing press as part of a color register control system, said method comprising:
 utilizing register marks having a size of equal to or less than 0.010 inch;
 acquiring an image of the paper substrate; and
 analyzing the image for the color register marks using an FPGA wherein the printed color register marks are found on the substrate within 5 plate revolutions.
7. (Original) The method of claim 6 wherein the register marks are diamond shaped.
8. (Original) The method of claim 6 wherein the register marks are in a pattern.
9. (Original) The method of claim 8 wherein said pattern includes four marks of one ink color and one mark of each of three other ink colors.
10. (Original) The method of claim 8 wherein said image is acquired by a camera.
11. (Original) The method of claim 10 wherein said camera is a CCD camera.

12. (Original) The method of claim 6 wherein said paper substrate is a web of paper.